

Appl. No. 09/831,281
Amdt. Dated June 14, 2005
Reply to Office action of February 16, 2005
Attorney Docket No. P09816/027566-028
EUS/J/P/05-6096

REMARKS/ARGUMENTS

1.) Claim Amendments

The Applicant has amended Claims 1 and 9; Claims 2 has been cancelled. Applicant respectfully submits no new matter has been added. Accordingly, Claims 1, and 3-9 are pending in the application. Favorable reconsideration of the application is respectfully requested in view of the foregoing amendments and the following remarks.

2.) Claim Rejections – 35 U.S.C. § 102(b)

The Examiner rejected claims 1-6, and 9 under 35 U.S.C. § 102(b) as being anticipated by Szviatovski (WO 96/38018). The Applicant has amended claims 1 and 9 to better define the intended scope of the claimed invention. The Examiner's consideration of the amended claims is respectfully requested.

The Applicant respectfully submits that the present application discloses and claims an invention which prevents a signaling message transmitted by a particular ISP from being incorrectly transmitted thereby erroneously controlling or interfering with those circuit switched communication channels that are actually assigned to a different ISP. As further disclosed in the specification, since many ISPs may be connected to and communicating with a particular telecommunication exchange, the present invention attempts to mitigate this problem of fraudulent or accidental cross-ISP interference on each other's circuit switched communication channels by only allowing each ISP to control and communicated over its allocated circuit switched communication channels.

Therefore, in accordance with the teachings of the present invention and as further recited by now amended independent Claims 1 and 9, a record is maintained at a signaling gateway identifying those circuit switched communication channels associated with a particular exchange and further allocated to a particular Internet Service Provider (ISP). In other words, this record identifies those circuit switched communication channels assigned to and allowed to be used by a particular ISP. As further claimed by the presently pending independent Claims, for each message received at the signaling gateway from the ISP, by reviewing the maintained record, the

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signaling gateway then can confirm whether that particular ISP has the right to control that particular circuit switched communication channel identified in the received message.

The Applicant respectfully submits that the above recited steps are neither disclosed nor taught by Szviatovski. Szviatovski, on the other hand, merely discloses a gateway for connecting an ISDN network to a data network via a gateway. In order to route the signals or data between the two networks, the gateway receives from the data network a particular address and converts it into a different address format acceptable by the ISDN network. As an illustration, the gateway in Szviatovski converts an internet-address to a decimal coded ISDN-address (Szviatovski, Page 7, lines 19-32, page 8, lines 15-25). However, nothing in Szviatovski discloses or teaches the step of "maintaining a record at a signaling gateway identifying circuit switched communication channels associated with said exchange and allocated to said ISP" as recited by current independent Claim 1. As a matter of facts, Szviatovski only discloses mapping network addresses and application services and simply fails to mention the step of correlating or identifying circuit switched communication channels allocated to a particular ISP. Furthermore, nothing in Szviatovski discloses or teaches the step of receiving a signaling message from the ISP wherein the signaling gateway reviews the maintained record to confirm the right of that ISP to control a particular circuit switched communication channel identified in the received message.

Therefore, the Applicant respectfully submits that Szviatovski fails to anticipate or render obvious the presently pending independent claims and a Notice of Allowance for all pending independent claims is earnestly requested.

Claims 3-8 depend from now allowable independent claim 1 and recite further limitations in combination with the novel elements thereof. Therefore, the allowance of claims 2-8 is respectfully requested.

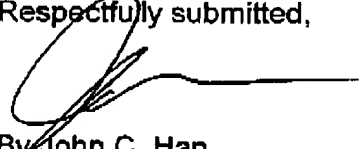
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CONCLUSION

In view of the foregoing remarks, the Applicant believes all of the claims currently pending in the Application to be in a condition for allowance. The Applicant, therefore, respectfully requests that the Examiner withdraw all rejections and issue a Notice of Allowance for all pending claims.

The Applicant requests a telephonic interview if the Examiner has any questions or requires any additional information that would further or expedite the prosecution of the Application.

Respectfully submitted,


By John C. Han
Registration No. 41,403

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Ericsson Inc.
6300 Legacy Drive, M/S EVR 1-C-11
Plano, Texas 75024

(972) 583-7686
john.han@ericsson.com